25

5

10

THE INVENTION CLAIMED IS:

- 1. An integrated circuit interconnect comprising:
- a wide top metal line;
- a wide bottom metal line;
- a dielectric layer disposed between the wide top and wide bottom metal lines;
- a plurality of vias in the dielectric layer and connecting the wide top and wide bottom metal lines including:
 - a first via having a width, and
 - a second via having a width and spaced more than a width away and less than four widths away from the first via.
- 2. The integrated circuit as claimed in claim 1 wherein:

the second via is spaced from the first via in a direction perpendicular to the length of the wide top metal line; and including:

- a third via having a width and spaced more than two widths and less than four widths from the first via in a direction parallel to the length of the wide top metal line.
- 3. The integrated circuit as claimed in claim 1 wherein:

the second via is spaced from the first via in a direction parallel to the length of the wide top metal line; and including:

- a third via having a width and spaced more than two widths and less than four widths from the first via in a direction perpendicular to the wide top metal line.
- 4. The integrated circuit as claimed in claim 1 wherein:

the dielectric layer has an opening provided therein equidistant from the first and second vias.

- 5. The integrated circuit as claimed in claim 4 wherein: the opening which has a width equal to the width of the first via.
- 6. The integrated circuit as claimed in claim 4 wherein: the opening has a length greater than twice the width thereof.

5

30

7. The integrated circuit as claimed in claim 4 wherein:

the opening has a length and the length extends perpendicular to the length of the wide top metal line.

- 8. An integrated circuit interconnect comprising:
- a wide top metal line;
- a wide bottom metal line:
- a dielectric layer disposed between the wide top and wide bottom metal lines; and
- a via-sea in the dielectric layer and connecting the wide top and wide bottom metal lines including:
 - a first column of vias having a width, and
 - a second column of vias having a width and spaced more than a width away and less than four widths away from the first column of vias.
- 9. The integrated circuit as claimed in claim 8 wherein:
- the second column of vias is spaced from the first column of vias in a direction perpendicular to the length of the wide top metal line; and including:
 - a first row of vias including a via in the first column of vias having a width and spaced more than two widths and less than four widths from the first column of vias in a direction parallel to the wide top metal line.
- 10. The integrated circuit as claimed in claim 8 wherein:
- the second column of vias is spaced from the first column of vias in a direction parallel to the length of the wide top metal line; and including:
 - a first row of vias including a via in the first column of vias having a width and spaced more than two widths and less than four widths from the first column of vias in a direction perpendicular to the wide top metal line.
- 11. The integrated circuit as claimed in claim 8 wherein:
- the dielectric layer has an opening provided therein equidistant from the first column of vias and the second column of vias.
- 12. The integrated circuit as claimed in claim 11 wherein: the opening has a width equal to the width of the first column of vias.
- 13. The integrated circuit as claimed in claim 11 wherein: the opening has a length greater than twice the width thereof.

14. The integrated circuit as claimed in claim 11 wherein:

the opening has a length and extends perpendicular to the length of the wide top metal line.